AMENDED CLAIM SET:

 (currently amended) A method of preparing the chiral (±) isomers of indole-2,3-dione-3-oxime compounds derivatives, which method comprises the sequential steps of:

- (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline; and
- (iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline obtained in step (ii) with chiral (enantiopure (R) or (S)) α -N,N-diBoc-aminoxy- γ -butyrolactone to obtain the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[2-oxo-1,2,6,7,8,9-hexahydro-pyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid.
- 2. (currently amended) The method of claim 1, which method further comprises the step of
- (a) reacting enantiopure (S) or (R) α -hydroxy- γ -butyrolactone with N,N-diBochydroxylamine to give enantiopure (S) or (R) α -N,N-diBoc-aminoxy- γ -butyrolactone;

followed by steps (i) to (iii) of claim 1 the sequential steps of:

- (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-{1,2,3,4-tetrahydro-isoquinolin-8-yl}-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline; and
- (iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1*H*-pyrrolo[3,2-h]isoquinoline obtained in step (ii) with chiral (enantiopure (*R*) or (*S*)) α-*N*,*N*-diBoc-aminoxy-γ-butyrolactone to obtain

the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[2-oxo-1,2,6,7,8,9-hexahydro-pyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid.

- 3. (currently amended) The method of claim 1, which method further comprises the step of
- (b) subjecting N,N-diBoc-O-benzylhydroxylamine to hydrogenation to give N,N-diBochydroxylamine;

followed by step (a) reacting enantiopure (S) or (R) α -hydroxy- γ -butyrolactone with N,N-diBoc-hydroxylamine to give enantiopure (S) or (R) α -N,N-diBoc-aminoxy- γ -butyrolactone; and followed by steps (i) to (iii) of elaim 1 the sequential steps of:

- (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline; and
- (iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline obtained in step (ii) with chiral (enantiopure (R) or (S)) α-N,N-diBoc-aminoxy-γ-butyrolactone to obtain the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[2-oxo-1,2,6,7,8,9-hexahydropyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid.
- 4. (currently amended) The method of claim 1, which method further comprises the step of
- (c) converting O-benzylhydroxylamine into N,N-diBoc-O-benzylhydroxylamine using Boc₂O;
- followed by step (b) subjecting N,N-diBoc-O-benzylhydroxylamine to hydrogenation to give N,N-diBoc-hydroxylamine;

followed by step (a) reacting enantiopure (S) or (R) α -hydroxy- γ -butyrolactone with N,N-diBoc-hydroxylamine to give enantiopure (S) or (R) α -N,N-diBoc-aminoxy- γ -butyrolactone; and

- followed by steps (i) to (iii) of claim 1 the sequential steps of:
- (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-{1,2,3,4-tetrahydro-isoquinolin-8-yl}-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline; and
- (iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1*H*-pyrrolo[3,2-h]isoquinoline obtained in step (ii) with chiral (enantiopure (*R*) or (*S*)) α-*N*,*N*-diBoc-aminoxy-γ-butyrolactone to obtain the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[2-oxo-1,2,6,7,8,9-hexahydro-pyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid.
- 5. (currently amended) The method of claim 1, which method further comprises the step of
- (d) reacting enantiopure (S) or (R) α -hydroxy- γ -butyrolactone with tosyl chloride to give enantiopure (S) or (R) α -tosyloxy- γ -butyrolactone;

followed by step (c) converting O-benzylhydroxylamine into N,N-diBoc-Obenzylhydroxylamine using Boc₂O;

followed by step (b) subjecting N,N-diBoc-O-benzylhydroxylamine to hydrogenation to give N,N-diBoc- hydroxylamine;

followed by step (a) reacting enantiopure (S) or (R) α -hydroxy- γ -butyrolactone with N.N-diBoc followed by steps (i) to (iii) of claim-1 the sequential steps of:

- (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-{1,2,3,4-tetrahydro-isoquinolin-8-yl}-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline; and
 - (iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1*H*-pyrrolo[3,2-h]isoquinoline obtained

in step (ii) with chiral (enantiopure (R) or (S)) α-N,N-diBoc-aminoxy-γ-butyrolactone to obtain the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[2-oxo-1,2.6,7.8,9-hexahydropyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid.

- 6. (cancelled).
- 7. 11. (cancelled).
- 12. (cancelled).
- 13. (new) A method of preparing a chiral (±) isomer of an indole-2,3-dione-3-oxime compound, which method comprises the sequential steps of:
- (i) reacting 4-(8-amino-2-methyl-1,2,3,4-tetrahydro-isoquinolin-5-yl)-N,N-dimethyl-benzenesulfonamide and hydroxylamine hydrochloride to give N-[5-(4-dimethylsulfamoyl-phenyl)-2-methyl-1,2,3,4-tetrahydro-isoquinolin-8-yl]-2-hydroxyimino-acetamide;
- (ii) adding sulphuric acid to the N-[5-(4-dimethylsulfamoyl-phenyl)-2-methyl-1,2,3,4-tetrahydro-isoquinolin-8-yl]-2-hydroxyimino-acetamide obtained in step (i) to provide N,N-dimethyl-4-(8-methyl-2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinolin-5-yl)-benzenesulfonamide; and
- (iii) reacting the N,N-dimethyl-4-(8-methyl-2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinolin-5-yl)-benzenesulfonamide obtained in step (ii) with chiral (enantiopure (R) or (S)) α -N,N-diBoc-aminoxy- γ -butyrolactone to obtain the desired chiral end product, i.e. enantiopure (R)- or (S)-2-[5-(4-dimethylsulfamoyl-phenyl)-8-methyl-2-oxo-1,2,6,7,8,9-hexahydro-pyrrolo[3,2-h]isoquinolin-3-ylideneaminooxyl-4-hydroxy-butyric acid,
 - followed by recovery of the desired end product.
- 14. (new) A method of preparing the chiral (±) isomers of indole-2,3-dione-3-oxime compounds in accordance with claim 1, which method comprises the sequential steps of:
 - (i) reacting an 8-amino-1,2,3,4-tetrahydro-isoquinoline of the formula

with chloral hydrate and hydroxylamine hydrochloride to give an N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide of the formula

,

(ii) adding sulphuric acid to the N-(1,2,3,4-tetrahydro-isoquinolin-8-yl)-2-hydroxyimino-acetamide obtained in step (i) to provide a 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline of the formula

: and

(iii) reacting the 2,3-dioxo-2,3,6,7,8,9-hexahydro-1H-pyrrolo[3,2-h]isoquinoline obtained in step (ii) with chiral (enantiopure (R) or (S)) α -N,N-diBoc-aminoxy- γ -butyrolactone of the formula

to obtain the desired chiral enantiopure (R)- or (S)-2-[2-oxo-1,2,6,7,8,9-hexahydro-pyrrolo[3,2-h]isoquinolin-3-ylideneaminooxy]-4-hydroxy-butyric acid of the formula (IVA) or (IVB)